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SOFTWARE: FASEBOE OF WINDOWS VERSION 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/827,291A
FILING DATE: 28-MAR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
FILING DATE:
FILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: KINGY WILLIAM T
REGISTRATION NUMBER: 30,954
REFERENCE/DOCKET NUMBER: 36,954 STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: TITLE OF INVENTION: NOVEL OLRCC15 RECEPTOR WUMBER OF SEQUENCES: 2 CORRESPONDENCE ADDRESS: ADDRESSE: SmithKline Beecham Corporation ALIGNMENTS Sequence 1, Application US/08827291A Patent No. 5874243 COUNTR. 19406
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette TELECOMMUNICATION INFORMATION: TELEPHONE: 610-270-5015 INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS: LENGTH: 1290 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear GENERAL INFORMATION:
APPLICANT: Macina, Roberto
APPLICANT: Sathe, Ganesh TELEFAX: 610-270-5090 11713 4438 4559 6699 6699 6699 6759 6759 TOPOLOGY: linear MOLECULE TYPE: CDNA US-08-827-291A-1 US-08-827-291A-1 RESULT 1

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Pred. No. 7.3e-66;
0; Mismatches 265;
FILE REFERENCE: 00107.00105;
CURRENT APPLICATION NUMBER: US/09/465,901
CURRENT FILING DATE: 2001-12-17
PRIOR APPLICATION NUMBER: 60/112,605
PRIOR FILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 57
SOFTWARRE: FASCERO for Windows Version 4.0
SEQ ID NO 39
LENGTH: 669
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; Patent No. 6635741
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Conservative (
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                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Mus musculus
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Sequence 39, Application US/09465901
Patent No.:6492143
GENERAL INFORMATION:
APPLICANT: Reed, Randall
APPLICANT: Yau, King-Wai
APPLICANT: Krautwurst, Dietmar
TITLE OF INVENTION: Olfactory Receptor Expession Libraries

US-09-465-901-39

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153 TACTTGTTGGCCCTGATCAGCAATGGCCTACTGCTCCTGGCTATCACCATGGAAGCCCGG 212
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855 ICTCTCTTCTATTCCATAATCACCCCACTCTCAATCCCTTCACCTACACAGAAT
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LOCATION: (42)..(974)
OTHER INFORMATION: human breast cancer amplified G-protein coupled OTHER INFORMATION: receptor 1 (BCA-GPCR-1)
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Fatent No. 6638733

GENERAL INFORMATION:

APPLICANT: Powers, Scott

APPLICANT: Tuler, Gene

APPLICANT: Tuler, Gene

TITLE OF INVENTION: No. 6638733el G-Protein Coupled Receptors

FILE REFERENCE: 108784-004710US

CURRENT APPLICATION NUMBER: US/09/524,730

CURRENT APPLICATION NUMBER: US/09/524,730

WUMBER OF SEQ ID NOS: 16

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 1.
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56.0%; Pred. No. 3.4e-65;
iive 0; Mismatches 358;
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                                                                           APPLICANT: Powers, Scott
APPLICANT: Yang, Jianxin
APPLICANT: Cutler, Gene
APPLICANT: Cutler, Gene
TITLE OF INVENTION: No. 6635741el G-Protein Coupled 1
FILE REPERBUCE: 018781-004720US
CURRENT APPLICATION NUMBER: US/09/546,986A
CURRENT FILING DATE: 2002-04-30
PRIOR FILLING DATE: 2000-03-14
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OTHER INFORMATION: human breast cancer amplified G-protein coupled

OTHER INFORMATION: receptor 2 (BCA-GPCR-2)
US-09-524-730-3
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APPLICANT: Yang, Jianxin
APPLICANT: Cutler, Gene
APPLICANT: Tularik Inc.
TITLE OF INVENTION: No. 66.
FILE REFERENCE: 018781-004
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OTHER INFORMATION: human breast cancer amplified G-protein coupled OTHER INFORMATION: receptor 2 (BCA-GPCR-2)
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APPLICANT: Yang, Jianxin
APPLICANT: Cutler, Gene
APPLICANT: Cutler, Gene
APPLICANT: Cutler, Gene
TILE OF INVENTION: No. 6635741e1 G-Protein Coupled Receptors
FILE REFERENCE: 018781-004720US
CURRENT APPLICATION NUMBER: US/09/546,986A
CURRENT FILING DATE: 2002-04.30
PRIOR FILING DATE: 2000-03-14
NUMBER OF SEQ ID NOS: 16
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 3
LENGTH: 1411
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Pred. No. 2.6e-63;
0; Mismatches 391;
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Best Local Similarity 55.6%;
Matches 492; Conservative 0
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ORGANISM: Homo sapiens
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                             Word Perfect 6.1 for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J
REGISTRATION NUMBER: 37,071
REFRENCE/DOCKET NUMBER: PA-C
TELEPHONE: (650) 855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (650) 845-4166
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TYPE: nucleic acid
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APPLICATION NUMBER: US
FILING DATE: HEREWITH
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APPLICATION NUMBER:
FILING DATE:
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS
                                                                                             CITY: PALO ALTO STATE: CALIFORNIA
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US-09-016-434-1115
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Patent No. 650038
GENERAL INFORMATION:
APPLICANT: Janice Au-Young
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
TITLE OF INVENTION: PATHWAY GENE EXPRESSION
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Pred. No. 2.6e-63;
); Mismatches 391; Indels
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0
  55.6%;
                         492; Conservative
Best Local Similarity
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APPLICANT: Vang, Jianxin
APPLICANT: Cutler, Gene
APPLICANT: Cutler, Gene
TILE REPREBRICE: 018781-004720US
FILE REPREBRICE: 018781-004720US
CURRENT FILING DATE: 2002-04-30
PRIOR PELLING DATE: 2002-04-30
PRIOR PELLING DATE: 2000-03-14
NUMBER OF SEQ ID NOS: 16
SOFTWARE: Patentin Ver. 2.1
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APPLICANT: Yang, Jianxin
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NAME/KEY: CDS

LOCATION: (26)..(1030)

OTHER INFORMATION: human breast cancer amplified G-protein coupled

OTHER INFORMATION: receptor 4 (BCA-GPCR-4)

US-09-524-730-7
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                                                                                                       APPLICANT: Yau, King-Wai
APPLICANT: Krautwarst, Dietmar
TITLE OF INVENTION: Olfactory Receptor Expession Libraries
TITLE OF INVENTION: ad Methods of Making and Using Them
FILE REFERENCE: 001107.00105
CURRENT APPLICATION NUMBER: US/09/465,901
CURRENT FILING DATE: 2001-12-17
PRIOR APPLICATION NUMBER: 60/112,605
PRIOR PILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 57
SEQ ID NO 47
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Pred. No. 1.4e-61;
0; Mismatches 419;
US-09-465-901-47; Sequence 47, Application US/09465901; Patent No. 6492143
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Patent No. 6500938
GENERAL INFORMATION:
APPLICANT: Janice Au-Young
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
TITLE OF INVENTION: PATHWAY GENE EXPRESSION
NUMBER OF SEQUENCES: 1490
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
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CITY: PALO ALTO
STATE: CALIFORNIA
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781
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                                                                                                                                                                                                                                                                                                                                                                                                                                               846 CACACTCAACCCCTTCATCTACACTCTGAGGAACAAGCAGGTGAAGCAGGTATTTAGGGA 905
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                267
                                                                                                                    TGTGCTCCATATGCCATCAAATGAGGGAGGAAGAAAAGCCCTTGTCACCTGCTCTTCCCA
                                        TTCCTTCCACAGCACAAGACAACATCTCTCTTTTTTTTTCTACAATTGTCACTCC
                                                                                                                                                                                                                                                                                                                786 GAATGGACAGGGGAGGATCATAACAAGGTGGTGGCATTGCTCAACACTGTAGTGACACC
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/748,506
FILING DATE: 08-NOV-1996
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US 60/033,751
FILING DATE: 09-NOV-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: 74940
TELECOMMULICATION INFORMATION:
TELECOMMULICATION INFORMATION:
TELECOMMULICATION INFORMATION:
TELECOMMULICATION INFORMATION:
TELECOMMULICATION INFORMATION:
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llarity 54.8%; Pred. No. 1.4e-60;
Conservative 0; Mismatches 371;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 31
CORRESSONDENCE ADDRESS:
ADDRESSEE: Leydig, Voit & Mayer, Ltd.
STREET: Two Prudential Plaza, Suite 4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 7, Application US/08748506
Patent No. 6159707
GENERAL INFORMATION:
APPLICANT: Ronnett et al.
TITLE OF INVENTION: NOVEL SPERM RECEPTORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              959 GGTCCTGGGAAATAC 974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       906 ACACGTAAGCAAGTTC 921
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MOLECULE TYPE: DNA (genomic)
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ZIP: 60601-6780
COMPUTER READABLE FORM:
MEDITIM TYPE: Floppy disk
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TELEFAX: 312-616-5700
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      966 base pairs
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STRANDEDNESS: double
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Best Local Similarity
Matches 449; Conserv
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STREET: TWO.
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1034 TCTACTTGTGGCTCCCACTGTCTGTGGTGTCCACTGTTCTATGGAACCGTTATTGGTCTC 1093
                                                         974 gcaagaarrerecerecarecreaaggreeerreraaggreerraaggerarergeaaggeerre 1033
                                                                                                                                                                                                                                  1094 TACTTATGCTCATCAGCTAATAGTTCTACTCTAAAGGACACTGTCATGGCTATGATGTAC 1153
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               705 ACACAAATTCTACTCACTGTGCTCCATATGCCATCAAATGAGGGGAGGAAGAAGCCCTT
                                                                                                    765 GTCACCTGCTCTTCCCACCTGACTGTGGTTGGGATGTTCTATGGAGCTGCCACATTCATG
                                                                                                                                                                                                                                                                               885 ACAATIGICACTCCAGCCCTGAATCCACTCATACAGCCTGAGGAATAAGGAGGTCATG
                                                                                                                                                                                         825 TATGICTIGCCCAGTICCTICCACAGCACCAGACAACAACAICAICTCTGTTTTCTAC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1056, Application US/09016434

Patent No. 6500938
GENERAL INFORMATION:
APPLICANT: Janice Au-Young
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: PATHWAY GENE EXPRESSION
NUMBER OF SEQUENCES:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Word Perfect 6.1 for Windows/MS-DOS 6.2
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Pred. No. 3.2e-59;
0; Mismatches 449;
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APPLICATION NUMBER: US/09/016,434
FILING DATE: HEREMITH
FILIASTICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEPAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1056:
SEQUENCE CHARACTERISTICS:
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NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,
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TYPE: nucleic acid
STRANDEDNESS: single
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Best Local Similarity 52.3
Matches 492; Conservative
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STATE: CALIFORNIA
COUNTRY: USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; CLONE: 91041044
US-09-016-434-1056
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Pred. No. 3.6e-60;
), Mismatches 434; Indels
                                                                                                                                             CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, KATEN J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0002 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1312:
SEQUENCE CHARACTERISTICS:
LENGTH: 1854 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
STRANDEDNESS: single
TOPPLOGY: linear
                         US/09/016,434
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52.8%;
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: HEREWITH
CLASSIFICATION:
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                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
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; CLONE: 932085
US-09-016-434-1312
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
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LIBRARY: GENBA
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APPLICANT: Cutler, Gene
APPLICANT: Tularik Inc.
TITLE OF INVENTION: No. 6635741el G-Protein Coupled Receptors
FILE REPERRNCE: 018781-004720US
CURRENT APPLICATION NUMBER: US/09/546,986A
CURRENT FILLING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 09/524,730
PRIOR FILING DATE: 2000-03-14
NUMBER OF SEQ ID NOS: 16
SOFTWARE: Patentin Ver: 2.1
                                                                                                                                                                                  ORGANISM: Homo sapiens
                                                                                                                                                                                                               NAME/KEY: CDS
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llarity 54.7%; Pred. No. 4e-59;
Conservative 0; Mismatches 365; Indels
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INFORMATION: human breast cancer amplified G-protein INFORMATION: receptor 3 (BCA-GPCR-3)
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Sequence 5, Application US/09546986A Patent No. 6635741 GENERAL INFORMATION:
APPLICANT: Powers, Scott APPLICANT: Yang, Jianxin

RESULT 14 US-09-546-986A-5

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                                                                                                                                                                                                                                             APPLICANT: Powers, Scott
APPLICANT: Vang, Jianxin
APPLICANT: Vang, Jianxin
APPLICANT: Cutler, Gene
APPLICANT: Cutler, Gene
TITLE OF INVENTION: No. 6638733el G-Protein Coupled Receptors
FILE REFERENCE: 019781-004710US
CURRENT APPLICATION NUMBER: US/09/524,730
CURRENT FILING DATE: 2000-03-14
NUMBER OF SEQ ID NOS: 16
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
LENGTH: 1351
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Pred. No. 4e-59;
0; Mismatches 365; Indels
                                                                                                      1029 Acacggaggigaagagcgcccccgg 1054
                                                                       931 ATAAGGAGGTCATGCGGGCCTTGAGG 956
                                                                                                                                                                                             Sequence 5, Application US/09524730 Patent No. 6638733
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 22.0%;
Best Local Similarity 54.7%;
Matches 441; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: CDS
LOCATION: (86)..(1108)
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US-09-524-730-5
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US-09-524-730-5
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Sequence 13, Appl
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Sequence 275, App
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Sequence 513, App
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                                                                                                                         September 14, 2004, 06:20:57 ; Search time 530 Seconds (without alignments) 9569.387 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pubpna/USO7_PUBCOMB.seq:*
2: /cgn2_6/ptodata/1/pubpna/USO6_NEW_PUB.seq:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-974-149-11

US-09-974-149-11

US-09-986-275

US-10-017-161-309

US-10-292-798-275

US-09-886-291-198

US-10-343-650A-513

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		n n n n	Sequence 478, App Sequence 478, App Sequence 25, Appl Sequence 29, Appl	Sequence 27, Appl Sequence 7, Appli Sequence 7, Appli Sequence 102, Appli		Sequence 36, Appl Sequence 5, Appli Sequence 711, App Sequence 623, App	Sequence 489, App Sequence 597, App Sequence 15, Appl Sequence 13, Appl
5 US-10-017-161-635 0 US-09-777-789-45 0 US-09-777-789-40 6 US-10-387-629-137	US-09-886-0 US-09-804- US-09-886-0	0 US-09-804-291-430 3 US-10-343-650A-551 6 US-10-387-629-139 7 US-10-333-946-35	US-09-886-055-478 0 US-09-804-291-478 1 US-09-965-422-25 1 US-09-965-422-29	US-09-965-422-2 US-10-017-161-7 US-10-292-798-7	US-09-22-27-7 US-09-886-055-176 US-09-804-291-17 US-10-343-650A-3	7 US-10-333-946-36 5 US-10-023-597-5 5 US-10-017-161-711 6 US-10-292-798-623	US-10-017-1 US-10-292-7 US-09-965-4 US-10-017-1
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ALIGNMENTS

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APPLICANT: ALGES, William M
APPLICANT: BLOGGES, Catherine E
APPLICANT: Gross, William M
APPLICANT: Gross, William M
APPLICANT: Lepley, Deniel Muralidhara
APPLICANT: Lepley, Deniel Muralidhara
APPLICANT: Spytek, Kimberly A
TITLE OF INVENTION: NO. US20030059830Alel Single Nucleotide Polymorphisms for Olfactor)
TITLE OF INVENTION: Receptor-like Polypeptides and Nucleic Acids Encoding
TITLE OF INVENTION: Lhe Same
TITLE OF INVENTION: Lyon Same
TITLE OF INVENTION: UNMBER: US/09/974,591
CURRENT APPLICATION NUMBER: US/09/974,591
CURRENT PILLING DATE: 2000-11-0.09
PRIOR PILLING DATE: 2000-11-0.2
NUMBER OF SEQ ID NOS: 26
SEQ ID NO 13
LENGTH: 1008
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100.0%; Pred. No. 0;
ive 0; Mismatches
                    Sequence 13, Application US/09974591
Publication No. US20030059830A1
GENERAL INFORMATION:
APPLICANT: Alsobrook II, John P
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Matches 1008; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Homo sapiens
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LOCATION: (27)..(998)
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US-09-974-591-13
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## APPLICANT: Grosse, William M ## APPLICANT: Lepley, Denise M ## APPLICANT: Padigaru, Muralidhara ## APPLICANT: Syvek, Kimberly A ## APPLICANT: Badgaru, Muralidhara ## APPLICANT: Badgaru, Muralidhara ## APPLICANT: Badgaru, Muralidhara ## APPLICANT: Bangal, Aruna ## APPLICANT: Bangal, Aruna ## TITLE OF INVENTION: Methods of Use for No. US20030175705Alel Single Nucleotide ## TITLE OF INVENTION: Methods of Olfactory Receptor-like Polypeptides ## TITLE OF INVENTION: and Nucleic Acids Encoding the Same ## TITLE OF INVENTION: and Nucleic Acids Encoding the Same ## TITLE OF INVENTION: US/09/974,149 ## CURRENT APPLICATION NUMBER: 60/323,755 ## PRIOR FILING DATE: 2001-09-20 ## NUMBER OF SEQ ID NOS: 26 ## SEQ ID NO 13 ## LENGTH: 1008 ## TYPE: DNA ## ONGANISM: Home sapiens ## FEATURE: ## NAME/KEY: CDS ## US-09-974-149-13 ## US-09-974-149-13	Query Match 100.0%; Score 1008; DB 10; Length 1008; Best Local Similarity 100.0%; Pred. No. 0; no. 0; Indels 0; Gaps 0; Qy 1 AGCTGGAGATCTGGAACTTCCACAGCATGGAGCTCTGGAACTACCACAGCATGGAGCTCT 0 0 0; 0 0 0 0 0; 0 0 0 0 0 0 0 0 0 0 0 0 0	181 TACTGCTCCTGGCTATCACCATGGAAGCCCGGCTCCACATGTACCTCCTGCTTG 240 181 TACTGCTCCTGGCTATCACCATGGAAGCCCGGCTCCACATGCCCATGTACCTCCTGCTTG 240 181 TACTGCTCCTGGCTATCACGATGCCCATGTACCTCCTTGCTTG	Qy 421 TGGCCATTTGTCATCCTCTGACATACATGACCTCATGAGCTCAAGAGCCTGCTGGCTCA 480 Db 421 TGGCCATTTGTCATCCTCTGACATCCTCATGAGCTCCAAGAGCTGCTGGTCTCA 480 Qy 481 TGGTGGCCACGTCCTGGATCCTGAGTGCCCTAATATATACCGTGTATACCA 540 Db 481 TGGTGGCCACGTCTGGATCCTGGCATCCCTAATATATATA
Qy 61 GGAACTTCACCTTGGGAAGTGGCTTCATTTTGGTGGGGATTCTGAATGACAGTGGGTCTC 120 bb 61 GGAACTTCACCTTGGGAAGTGGCTTCATTTTGGTGGGGATTCTGAATGACAGTGGGTCTC 120 Qy 121 CTGAACTGCTGTGGTAATTACAATTTTGGTGGTTGGCCCTGATCAGTGGCT 180 Db 121 CTGAACTGCTGTGGTACAATTACAATTCCTATACTTGTTGGCCCTGATCAGCAATGGCC 180 Qy 181 TACTGGTCTCTGTGCTACAATTACAATTCCTTGTTGGCCCTTGTTCAGCATCAGCATGTCCTGGTTG 240 Db 181 TACTGGTCTCTGGCTATCACCATGGAGCCGGCTCCACTGTACCTCCTGCTTG 240 Db 241 GGCAGCTCTCTCTATGGAAGCCGGCTCCACTGTACCTCCTGCTTG 240 Db 241 GGCAGCTCTCTCTATGGAAGCCCGGCTCCACTGTACCTCCTGCTTGGG 300 Qy 241 GGCAGCTCTCTCTCATGGACCTCCTGTTCACTGTCACTCCCAAGGCCCTTGGGG 300 Qy 301 ACTTTCTGGCAGAGAAAACACCTCTTGGAGGCTGTGCCCTTCAGATGTTCCTGG 360 Db 301 ACTTTCTGGCAGAGAAAACACCTCTTTGGAGGCTTCATGGCCTTCAGATGTTCTTGG CACTGACAATGGGAGAGAAAACCCTCCTTTGGAGGCTTCATGGCCTTCAGATGTTCTTGG CACTGACAATGGGTGAAGAACCCTCCTTTGGCCTTCATGGCCTTCAGAGGTTTG CACTGACAATGGGTGAAGAACTCCTTACTACTGGCCTTCATGACGTTCTTGGTTTCTTGG CACTGACAATGGGTGAAGACCTCCTTTTGGCCTTCATGACCTTCTTGG CACTGACAATGGGTGAGAGACCTCCTTTTGGCCTTCATGACCTTCTTGGTTTTTGACTTCTTGG CACTGACAATGGGTGAGAGACCTCCTTTTGGCCTTCATGACCTTCTTGGTTTTTTTT	1	QY 661 TGACCTTCTGATTCCTGTCTGTGTCTATACTGGCCTCTATACACAATTCTACTCA 720 Db 661 TGACCTTCCTGATTCCCTCTTGTGCTGTTACACAAATTCTACTCA 720 CTGTGCTCCATATCCCTTCTTGTGGGGAGGAAGGACTTGTCACCTGTCTTCCC 780 Db 721 CTGTGCTCCATATGCCATCAAATGAGGGAGGAGGAGAAAAGCCTTGTCACCTGTCTTCCC 780 CTGTGCTCCATATGCCATCAAATGAGGGAGGAGGAGAAAAAGCCTTGTCACCTTCCC 780 QY 781 ACCTGACTGGTTGGATGTTCTATGGAGCTGCCACATTCATGTATGT	QY 901 CCCTGAATCCACTCACTCACGCTGAGGAATAAGGAGGGCTCTTGAGGAGGG 960 Db 901 CCCTGAATCCACTCACTCACGCTGAGGAATAAGGAGGTCATGCGGGCTTTGAGAGGG 960 CCTGAATCCACTCACTCACGAGAATAAGGAGGTCATGCGGCCTTTGAGAGGG 960 QY 961 TCCTGGGAAAATACATGCTCCCAGCACCTCCACGCTCTAGGGAAGGA 1008 Db 961 TCCTGGGAAAATACATGCTGCCAGCACTCTAGGGAAGGA 1008 RESULT 2 US-09-974-149-13 S Publication No. US20330175705A1 GGRUATA 1008 GENERAL INFORMATION: GENERAL INFORMATION: APPLICANT: Alsobrook II, John P APPLICANT: Alsobrook II, John P

Db 181 TACTGCTCCTGGCTATCACCATGGAAGCCCGGCTCCACATGTACCTCCTGCTTG 240 241 GGCAGCTCTCTCTCATGGACCTCTGTTCACATCTGCTCATGTACCTCCTGCTG 300 241 GGCAGCTCTCTCTCTATGGACCTCCTTTCACATCTGCTACTCCCAAGGCCCTTGCGG 300 Qy 301 ACTTCTGCGCAAGAAAACACCATCTCTTTGGAGGCTGTGCCCTTCAGATGTTCTGG 360 Db 301 ACTTCTGCGCAGAGAAACACCATCTCTTTGGAGGCTGTGCCCTTCAGATGTTCTGG 360 Oy 361 CACTGACAATGGGTGCTGAGACCTCCTTTGGAGGCTTCATGACAGTATG 420 Qy 421 TGGCCATTTGTCATCGCTGAGACCTCCTACTGGCCTTCATGGCCTATGACAGTATG 420 Qy 421 TGGCCATTTGTCATCCTCTGACATGACCTCTTCATGGCCTATGACAGGTATG 420 Qy 421 TGGCCATTTGTCATCCTCTGACATGACCTCCTATGAGCTTCATGGCCTATGACAGGTATG 480 Qy 481 TGGTGGCACTTGTCATCCTCTGACATGACCTCATGAGCTCTAGAGCCTTCTTGACTAGAGCTTCTTGACTAGACTCTTGAGCTCTAGAGCTTCTTGAGCTTAGACTCTTGAGCTTAGACTCTTGAGCTTAGACTCTTGAGCTTCTTGAGCTTAGACTTGAGCTTAGAGAGCTTAGAGCTAGAGCTTAGAGCTTAGAGCTTAGAGCTTAGAGCTTAGAGCTTAGAGCTTAGAGCTTAGAGCTTAG	Db 481 TGGTGGCCACTCCTGGCATCCTAGTGCTTTTTTTTTTTT	RESULT 4 US-09-777-789-10 Sequence 10, Application US/09777789 Fublication No. US20030087815A1 GENERAL INFORMATION: APPLICANT: Padigaru et al. TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME FILE REFERENCE: 15966-654 CURRENT APPLICATION NUMBER: US/09/777,789 CURRENT FILING DATE: 2001-05-11 PRIOR APPLICATION NUMBER: 60/180,646 PRIOR FILING DATE: 2000-02-07 NUMBER OF SEQ ID NOS: 101 SOFTWARE: PatentIn Ver. 2.0 SSQ ID NO 10 LENGTH: 1008 TYPE: DNA CRGANISM: Homo sapiens
Qy 661 TGACCTTCCTGATTCCTTTGCTGCTATACTGGCCTCCTATACACAAATTCTACTCA 720 bb 661 TGACCTTCCTGTTGCTGCTATACTGGCCTCCTATACACAATTCTACTCA 720 Qy 721 CTGTGCTCCTATTCCTTGTGGCGAAGAAGACCCTTGTCACCTGCTCTTCCC 780 Db 721 CTGTGCTCCATATGCCATCAATGAGGGAAGAAGACCCTTGTCACCTGCTCTTCCC 780 Qy 781 ACCTGACTGTGGTTGGGATGTTCTATGGAGGAAGAAGACCTTGTCACCTCCTTTCCC 780 Qy 781 ACCTGACTGGGTTGGGATGTTCTATGGAGCTGCCACTTCATGTCTTGCCCAGTT 840 Db 781 ACCTGACTGGGTTGGATGTTCTATGGAGCTGCCACATTCATGTCTTGCCCAGTT 840 Qy 841 CCTTCCACAGCACAGACAACAACACTCTCTGTTTTCTACACACATTTGCCCAGGTT 840 Db 841 CCTTCCACAGCACAGACAACAACATCATCTCTGTTTTCTACACACATTCACCACAGGGGGGGG	961 TCCTGGGAAAATACATGCTGCCAGCACTCCAGGCTCTAGGGAAGGA [Query Match 99.8%; Score 1006.4; DB 10; Length 1008; Best Local Similarity 99.9%; Pred. No. 0; 1; Indels 0; Gaps 0; Qy 1 AGCTGGAGATCTGGAACTTCCAAGCATGGAGCTCTGGAACTACCAAGCATGGAGCTCT 60 0 0; Qy 61 GGAACTTCACCTTGGAACTTCATTTTGGTGGGATTCTGAATGACGGGCTCT 60 0 0 Qy 61 GGAACTTCACCTTGGGAAGTGGCTTCATTTTGGTGGGGATTCTGAATGACAGTGGGTCT 120 0 Qy 121 CTGAACTTCACCTTGGGTACAATTACAATCTATTTTGTGGGGGATTCTGAATGACAGTGGGTCT 120 Qy 121 CTGAACTGCTGTGCTACAATTACAATTACAATCTTGTGGCCTGATCAGCAATGGCC 180 Db 121 CTGAACTGCTGTGCTACAATTACAATTACAATGTTGGCCTGATCAGCAATGGCC 180 Qy 181 TACTGCTCTGTGCTACAATTACAATTACAATGTTGTCGCCTGATCAGCAATGGCC 180 Qy 181 TACTGCTCTGTGCTACCATGCACACCCCACGCTCCACTGCTGCTGCTTGTTGTTGTTGTTGTTGTTGTTGTTGTTG

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APPLICANT: Alsobrook II, John P
APPLICANT: Alsobrook II, John P
APPLICANT: Burgess, Catherine B
APPLICANT: Burgess, Milliam M
APPLICANT: Lepley, Denise M
APPLICANT: Padigaru, Muralidhara
APPLICANT: Spytek, Kimbelly A
APPLICANT: Bader, Joel S
APPLICANT: Bansal, Aruna
TITLE OF INVENTION: Methods of Use for No. US20030175705A1el Single Nucleotide
TITLE OF INVENTION: Polymorphisms of Olfactory Receptor-like Polymorphisms of TITLE OF INVENTION: and Nucleic Acids Encoding the Same
TITLE OF INVENTION: and Nucleic Acids Encoding the Same
TITLE OF INVENTION NUMBER: US/09/974,149
CURRENT FILING DATE: 2002-05-20
PRIOR FILING DATE: 2001-09-20
NUMBER OF SEQ ID NOS: 26
SOUTHWARE: Patentin Ver. 2.1
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Fred. No. 0;
0; Mismatches
                                                                          ; Sequence 11, Application US/09974149; Publication No. US20030175705A1
; GENERAL INFORMATION:
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Best Local Similarity 99.9%;
Matches 1007; Conservative (
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ORGANISM: Homo sapiens
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; LOCATION: (27)..(998)
US-09-974-149-11
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                                       DB 10;
                                   Score 1006.4;
Pred. No. 0;
0; Mismatches
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ilarity 99.9%;
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Oy 541 TGCACTATCCCTTCTGCAGGGCCCAGGAGATCAGGCATCTTCTGTGAGATCCCACACT 600 bb 541 TGCACTATCCCTTCTGCAGGGCCCAGGAGATCAGGCATCTTCTGTGAGATCCCACACT 600 corrected 601 TGCTGAAGTTGGCCTGTGATAACCTCCAGATATGAGCTCATGGTATATGTGATGGGTG 600 corrected 601 TGCTGAAGTTGGCCTGTGATACCTCCAGATATGAGCTCATGGTATATGTGATGGGTG 660 corrected 601 TGCTGAAGTTGGCCTGTGATACCTCCAGATATGAGCTCATGGTATATGTGATGGGTG 660	OY 661 IGACCITCCIGATTCCCICTGTGCTGCTAIACIGGCCTCCTAIACACAAAITCTACTCA 720 	Oy 721 CTGTGCTCCATATGCGATCAAATGAGGGGAGGAAGGAAGCCCTTGTCACCTGCTCTCCC 780	Qy 781 ACCTGACTGTGGGATGTTCTATGGAGCTGCCACATTCATGTATGT	Qy 841 CCTTCCACAGCACCAGACAACATCATCTCTGTTTTCTACACTTCAG 900	Qy 901 CCTGAATCCACTCATCTACCTGAGGAATAAGGAGGGTCATGCGGGCCTTGAGGAGGG 960 Db 901 CCCTGAATCCACTCTACAGCCTGAGGAATAAGGAGGTCATGCGGGCCTTGAGGAGGG 960	Qy 961 TCCTGGGAAAATACATGCTGCCAGCACACTCCAGGCTCTAGGGAAGGA 1008 		; Sequence 8, Application US/09777789 ; Publication No. US20030087815A1 ; GENERAL INFORMATION:	AFTILE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME; FILLE REFERENCE: 15966-654; CURRENT APPLICATION NUMBER: US/09/777,789; CURRENT PFILING DATE: 2001-05-11		SEQ ID NO 8 LENGTH: 1050 TYPE: DNA	; ORGANISM: Homo sapiens US-09-777-789-8	Query Match 95.5%; Score 962.8; DB 10; Length 1050; Best Local Similarity 99.8%; Pred. No. 6.5e-308; 0; Gaps 0; Matches 964; Conservative 0; Mismatches 2; Indels 0; Gaps 0; Qy 43 ACCACAGCATGGAGCTCTGGAACTTCACTTGGGAGGTCTCATTTTGGTGGGATTC 102 102 103 IGAATGATGGGTCTCGGAACTTCACTTGGGAGGTTCATTTTGGTGGGATTC 123 Qy 103 TGAATGACAGTGGGTCTCCTGAACTGCTGTGCTACAATTACAATTGTTGGTGG 183 Db 124 TGAATGACGAATGGCTCTCTGAGCTATCACAATTACAATTACATGTTGTTGG 183 Qy 163 CCCTGATCAGCAATGGCTCTCTGTGCTACAATTACAATGCTCCTATGTGG 183 Db 184 CCCTGATCAGCTACTGGTCCTGGCTATCACATGGAGCTCCACATGC 223 Qy 223 CCATGTACCTGCTTGGCTACCAGGACCTCTTCTCTCTCTTGTTCACATCTGTGGTCA 243 Qy 223 CCATGTACCTGCTTGGGCAGCTCTCTCTCTCTCTTGTTCACATCTGTTGTCTCA 303 Db 244 CCATGTACCTGCTTGGCTGGCACTCTCTCTCTTGTTCACTTTTTCTCTTTTTTTT

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Sequence 275, Application US/10292798
Publication No. US20030235833A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: ASAI, KIYOSHI
APPLICANT: ARIYAMA, YUTAKA
APPLICANT: ABURATANI, HIROYUKI
TITLE OF INVENTION UMBER: US/10/292,798
FILE REFRENCE: 084335/166
CURRENT APPLICATION NUMBER: US/10/292,798
FRIOR FILING DATE: 2001-12-18
FRIOR FILING DATE: 2001-12-18
FRIOR FILING DATE: 2001-01-12-18
FRIOR FILING DATE: 2001-01-16
FRIOR FILING DATE: 2001-01-16
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SEQ ID NO 275
LENGTH: 1351
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Matches 964; Conservative
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TOTATION: (201)..(1151)
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ORGANISM: Homo sapiens
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                                                                                                                                                              Score 962.8; DB 15
Pred. No. 7.3e-308;
0; Mismatches 2;
                                                                                                                                                                95.5%;
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Best Local Similarity 99.8
Matches 964; Conservative
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SOUTCE
LOCATION: (1)..(1351)
FEATURE:
                                                                                             ; NAME/KEY: CDS
; LOCATION: (201)..(1151)
US-10-017-161-309
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| Publication No. US20030088059A1
| GENERAL INFORMATION:
| APPLICANT: ZOZULA, SERGEY
| TITLE OF INVENTION: HUMAN OLFACTORY RECEPTORS AND GENES ENCODING SAME
| FILE REPERENCE: P 0.278005
| CURRENT REPERENCE: P 0.278005
| CURRENT FILING DATE: 2001-03-13
| PRIOR FILING DATE: 2000-03-13
| PRIOR FILING DATE: 2000-03-13
| PRIOR PELICATION NUMBER: 60/192,033
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Fatent No. US2002013227341
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: STRYER, LUBERT
APPLICANT: ZOZULYA, SERGEY
TITLE OF INVENTION: RECEPTOR FINGERPRINTING, SENSORY PERCEPTION,
TITLE OF INVENTION: BLOSENSORS OF CHEMICAL SENSANTS
FILE REPERENCE: 078003-0277160
CURRENT PAPLICATION NUMBER: US/09/886,055
CURRENT FILING DATE: 2000-06-22
FRIOR APPLICATION NUMBER: 60/213,812
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 522
SEQ ID NO 98
                                                                                      TGCGGGCCTTGAGGAGGTCCTGGGAAATACATGCTGCCAGCACACTCCACGCTCTAGG
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Pred. No. 5.8e-303;
0; Mismatches 2;
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Best Local Similarity 99.8'
Matches 949; Conservative
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; ORGANISM: HOMO
US-09-886-055-198
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US-09-886-055-198
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661 ATTCTACTCCCTCCCTTGCCATCAATGAGGGGAGGAAGAAGAAGCCCTTGTCAC 720
                                     841 GTCACTCCAGCCCTGAATCCACTCATCTACAGCCTGAGGAATAAGGAGGTCATGCGGGCC
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Pred. No. 5.8e-303;
0; Migmatches 2;
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nilarity 99.8%;
Conservative 0,
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ORGANISM: Homo sapiens
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US-10-343-650A-513
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Best Local Similarity
Matches 949; Conserv
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Pred. No. 5.8e-303;
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           PRIOR APPLICATION NUMBER: 60/198,474
PRIOR FILING DATE: 2000-04-14
PRIOR FILING DATE: 2000-04-24
PRIOR PILING DATE: 2000-04-24
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/207,702
PRIOR APPLICATION NUMBER: 60/203,849
PRIOR FILING DATE: 2000-06-23
PRIOR FILING DATE: 2000-06-16
PRIOR FILING DATE: 2000-08-16
PRIOR FILING DATE: 2000-09-17
PRIOR PLING DATE: 2000-09-17
PRIOR PLING DATE: 2000-09-07
PRIOR PLING DATE: 2001-02-07
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GACAGGTATGTGGCATTTGTCATCCTCTGACATACATGACCCTCATGAGCTCAAGAGCC
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APPLICANT: INALIA PREEDII
APPLICANT: TANG, Y. Tom
APPLICANT: PATTERSON, Chandra
APPLICANT: SALIM, Leo L
APPLICANT: TRIBOULEY, Catherine
APPLICANT: TRIBOULEY, Catherine
APPLICANT: YUE, Henry
APPLICANT: YUE, Henry
APPLICANT: YUE, Henry
APPLICANT: YUE, Jannifer L.
APPLICANT: AU-YOUNG, Jannifer L.
APPLICANT: AU-YOUNG, Jannice
APPLICANT: WALSH, Roderick T.
APPLICANT: WALSH, Roderick T.
APPLICANT: WALSH, ROGETICK T.
APPLICANT: WALSH, ROGETICK T.
APPLICANT: BOROWSKY, MARK L.
TITLE OF INVENTION: G-PROTEIN COUPLED RECEPTORS
TITLE OF INVENTION: G-PROTEIN CURRENT FILING DATE: 2001-03-01
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APPLICANT: INCYTE GENOMICS, INC.
APPLICANT: IAL, Freeti
APPLICANT: TANG, Y. Tom
APPLICANT: PATTERSON, Chandra
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FEATURE:
NAME/KEY: misc_feature
COTHER INFORMATION: Incyte ID No. US20030119111A1 7472446CB1
US-10-220-382-39
                                                                                                                 Length
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                                                                                                                 DB 15;
                                                                                                               Score 947.8; DB 15;
Pred. No. 5.8e-303;
0; Mismatches 2;
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                                                                                                                     ATTCTACTCACTGTGCTCCATATGCCATCAAATGAGGGGAGGAAGAAAGCCCTTGTCACC
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Pred. No. 1e-264;
0; Mismatches 86; Indels
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Matches 884; Conservative
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ORGANISM: Human
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US-10-024-444B-1
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                                                                     Sequence 25, Application US/10300846

Publication No. US20030207337A1

GENERAL INFORMATION:

APPLICANT: HAN, YI

APPLICANT: ECHEVERI, FERNANDO

APPLICANT: ECHEVERI, FERNANDO

APPLICANT: MANG, KUN

TITLE OF INVENTION: OLFACTORY RECEPTORS FOR ISOVALERIC ACID AND RELATED

TITLE OF INVENTION: DENTIFICATION OF BLOCKERS OF MALODOR

FILE REFERENCE: 078003-0291924

CURRENT APPLICATION NUMBER: US/10/300,846

CURRENT FILING DATE: 2002-11-21

PRIOR PELING DATE: 2002-11-6

PRIOR PELICATION NUMBER: 09/809,291

PRIOR PELICATION NUMBER: 09/809,291

PRIOR APPLICATION NUMBER: 08/3-11,872

PRIOR APPLICATION NUMBER: 60/341,872

PRIOR PELING DATE: 2001-03-13

PRIOR PELING DATE: 2001-12-21

NUMBER OF SEQ ID NOS: 86

SOFTWARE: PATENTING DATE: 2011-12-21
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Pred. No. 5.8e-303;
0; Mismatches 2;
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Best Local Similarity 99.8%;
Matches 949; Conservative
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ORGANISM: Homo sapiens
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EENGTH: 951
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Pred. No. 2.2e-225;
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        PRIOR APPLICATION NUMBER: JP 2001/246789
PRIOR FILING DATE: 2001-06-18
NUMBER OF SEQ ID NOS: 2430
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FUBLICALION NO. US20030143668A1
GENERAL INFORMATION:
APPLICANT: SIGNA, MAKIKO
APPLICANT: AKINA, WINKKO
APPLICANT: AKIYAMA, YUTAKA
APPLICANT: AKIYAMA, YUTAKA
APPLICANT: ABURATANI, HIROYUKI
ITILE OF INVENTION: NOVEL G PROTEIN-COUPLED RECEPTORS
FILE REFERENCE: 084335/0152
CURRENT APPLICATION NUMBER: US/10/017,161
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1335176 segs, 320689617 residues Searched:

1335176 Total number of hits satisfying chosen parameters:

seq length: 0 seq length: 200000000 Minimum DB Maximum DB

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Published_Applications_AA:* Database

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/ cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep:*
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/ cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep:* /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep:* Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

			2. Appl	4. Appl	1, Appl	2. Appl	4 Appl	7. App	. Appli	97. App	3 Appl	8. Appl	14. App	18. Appl	310. App	Appli	26, Appl
	Description		Seguence 1	Sequence 1	Seguence 11,	Seguence 1	Seguence	Sequence 197. App	Sequence 9	Seguence 1	Seguence 5	Seguence 5	Seguence 5	Sequence 1		Semence 3	Sequence 2
		ID	US-09-974-591-12	US-09-974-591-14	US-09-777-789-11	US-09-974-149-12	US-09-974-149-14	US-09-886-055-197	US-09-777-789-9	US-09-804-291-197	US-09-912-976-53	US-09-965-422-58	US-10-343-650A-514	US-10-220-382-18	US-10-017-161-310	US-10-024-444B-3	US-10-300-846-26
		DB	10	10	10	10	10	6	10	10	11	11	12	14	14	14	15
	Query	Length	324	324	324	324	324	316	316	316	316	316	316	316	316	316	316
₩	Query	Match	100.0	100.0	100.0	100.0	100.0	96.8	8.96	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
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App	Appli	Appl	App1	Appl	Appl	Appl	App1	Appl	Appli	App	Appl	Appli	Appl	Appl	Appli	Appl	Appli	49, Appl	Appl	Appl	, App	Appl	Appl	-	App	App	Appl	Appl	Appl
276.	2	4	42	46	47	48,	52	26	7,	107	51,	D,	50,	9	9	51	4	49,	59,	71,	105	50,	57,	636	57,	457	49,	53,	68
Segmence	Sequence			Sequence	Sequence											Sequence	Sequence	Sequence 457	Sequence	Sequence	Sequence	Sequence							
US-10-292-798-276	US-10-024-444B-2	US-09-777-789-41	US-09-777-789-42	US-09-777-789-46	US-09-777-789-47	US-09-795-271-48	US-09-912-976-52	US-09-965-422-56	US-10-024-444B-7	US-10-005-041A-104	US-09-912-976-51	US-10-024-444B-5	US-09-912-976-50	US-09-965-422-60	US-10-024-444B-6	US-09-795-271-51	US-10-024-444B-4	US-09-795-271-49	US-09-965-422-59	US-09-981-566A-71	US-10-005-041A-105	US-09-795-271-50	US-09-965-422-57	US-10-017-161-636	US-09-886-055-457	US-09-804-291-457	US-09-912-976-49	US-09-965-422-53	US-09-981-566A-68
15	14	10	10	10	10	10	11	11	14	15	11	14	11	11	14	10	14	10	11	11	15	10	11		9		11	11	11
316	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316	315	315	315	315	319	319	210	369	369	311	311	311
8.96	84.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	78.9	78.9	78.7	78.7	78.7	78.4	78.4	74.5	74.5	74.5	74.5	73.7	73.7	55.2	50.6	50.6	50.4	50.4	50.4
1606	1393	1347	1347	1347	1347	1347	1347	1347	1347	1347	1309	1309	1305	1305	1305	1300	1300	1235.5	1235.5	1235.5	1235.5	1223	1223	915	839.5	839.5	835.5	835.5	835.5
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

ALIGNMENTS

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Sequence 12, Application US/09974591

Sequence 12, Application US/09074591

Publication No. US20030059830A1

SERREAL INFORMATION:

APPLICANT: Burgess, Catherine E

APPLICANT: Burgess, Catherine E

APPLICANT: Depley, Denise M

APPLICANT: Padigaru, Muralidhara

APPLICANT: Secondari ABPLICANTON: Lhe Same

FILE REFERENCE: 15966-654 CIP

CURRENT APPLICATION NUMBER: 60/245,292

FRIOR APPLICATION NUMBER: 60/245,292

PRIOR APPLICATION NUMBER: 60/245,292

NUMBER OF SEQ ID NOS: 26

SOFTWARE: PatentIN Ver. 2.1

SEQ ID NO 12

LENGTH: 324
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CRGANISM: Homo sapiens
US-09-974-591-12
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BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table: Sequence:

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Sequence 12, Application US/09974149

Sequence 12, Application US/09974149

Publication No. US20030175705A1

GENERAL INFORMATION:

APPLICANT: Alsobrook II, John P

APPLICANT: Burgess, Catherine E

APPLICANT: Lepley, Denise M

APPLICANT: Eppley, Denise M

APPLICANT: Spytek, Kimberly A

APPLICANT: Spytek, Kimberly A

APPLICANT: Bader, Joel S

TITLE OF INVENTION: Methods of Use for No. US20030175705A1el Single Nucleotide

TITLE OF INVENTION: Methods of Use for No. US20030175705A1el Single Nucleotide

TITLE OF INVENTION: Methods of Use for No. US20030175705A1el Single CURRENT APPLICANTON Methods of Use for No. US20030175705A1el Single Nucleotide

TITLE OF INVENTION: Auna and Nucleic Acids Encoding the Same

TITLE OF INVENTION WOMBER: US/09/974,149

CURRENT APPLICATION NUMBER: US/09/974,149

CURRENT APPLICATION NUMBER: 0/323,755

PRIOR PILING DATE: 2001-09-20

NUMBER OF SEQ ID NOS: 26

SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 121 LLIAFMAYDRYVAICHPLTYMTLMSSRACWLMVATSWILASLSALIYTVYTMHYPFCRAQ 180
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                                   Sequence 11, Application US/09777789
Publication No. US20030087815A1
GENERAL INFORMATION:
APPLICANT: Padigaru et al.
TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 1596-654
CURRENT APPLICATION NUMBER: US/09/777,789
CURRENT APPLICATION NUMBER: 60/180,646
PRIOR APPLICATION NUMBER: 60/180,646
PRIOR APPLICATION NUMBER: 60/180,646
NUMBER OF SEQ ID NOS: 101
SOFTWARE: Patentin Ver. 2.0
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100.0%; Score 1659; DB 10;
Best Local Similarity 100.0%; Pred. No. 4.9e-150;
Matches 324; Conservative 0; Mismatches 0; 1
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TYPE: PRT
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APPLICANT: Burgess, Catherine B
APPLICANT: Burgess, Catherine B
APPLICANT: Burgess, Catherine B
APPLICANT: Burgess, Catherine B
APPLICANT: Lepley, Denise M
APPLICANT: Lepley, Denise M
APPLICANT: Padigaru, Muralidhara
APPLICANT: Sytek, Kimberly A
TITLE OF INVENTION: No. US20030059830Alel Single Nucleotide Polymorphisms for Olfactc
TITLE OF INVENTION: the Same
FILE REFERENCE: 1556-654 CTP
TITLE OF INVENTION: the Same
TITLE OF INVENTION: the Same
TITLE OF INVENTION WIMBER: US/09/974,591
CURRENT PELING DATE: 2001-10-09
PRIOR APPLICATION NUMBER: 60/245,292
PRIOR APPLICATION NUMBER: 60/245,292
NUMBER OF SEQ ID NOS: 26
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin Ver. 2.1
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100.0%; Score 1659; DB 10; Length 324;
Best Local Similarity 100.0%; Pred. No. 4.9e-150;
Matches 324; Conservative 0; Mismatches 0; Indels 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
CORGANISM: Homo sapiens
US-09-974-591-14
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US-09-974-591-14
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241 GRKKALVTCSSHLTVVGMFYGAATFMYVLPSSPHSTRODNIISVFYTIVTPALNPLIVSL 300
241 GRKKALVTCSSHLTVVGMFYGAATFMYVLPSSFHSTRODNIISVFYTIVTPALNPLIYSL 300
181 IPHLLKVACADTSRYELMVYVMGVTFLIPSLAAILASYTQILLTVLHMPSNEGRKKALVT 240
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 197, Application US/09866055

Patent No. US20020132273A1

GENERAL INFORMATION:

APPLICANT: STRYER, UJUBERT

APPLICANT: STRYER, UJUBERT

APPLICANT: SOZULYA, SERGEY

TITLE OF INVENTION: RECEPTOR FINGERPRINTING, SENSORY PERCEPTION, AND

TITLE OF INVENTION: BIOSENSORS OF CHEMICAL SENSANTS

FILE REFERENCE: 078003-0277150

CURRENT APPLICATION NUMBER: US/09/886, 055

CURRENT APPLICATION NUMBER: 60/213,812

PRIOR FILING DATE: 2000-06-22

NUMBER OF SEQ ID NOS: 522

SOFTWARE: PATENT OF SEQ ID NOS: 522
                                                                                                                                                               181 BIRHLICEIPHLIKLACADTSRYELMVYVMGVTFLIPSLAAILASYTQILLTVLHMPSNE
                                                          LLLAFMAYDRYVAICHPLTYMTLMSSRACWLMVATSWILASLSALIYTVYTMHYPFCRAQ
                                                                                                                                        BIRHLLCEIPHLLKLACADTSRYELMVYVMGVTFLIPSLAAILASYTQILLTVLHMPSNE
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99.7%; Pred. No. 5.5e-145;
ive 1; Mismatches 0; Indels
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Matches 315, Conservative
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ORGANISM: Homo sapiens
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APPLICANT: Alsobrook II, John P
APPLICANT: Burgess, Catherine E
APPLICANT: Grosse William M
APPLICANT: Burgess, Muralidhara
APPLICANT: Padigaru, Muralidhara
APPLICANT: Spytek, Kimberly A
APPLICANT: Spytek, Kimberly A
APPLICANT: Bansal, Aruna
ITILE OF INVENTION: Methods of Use for No. US20030175705Alel Single Nucleotide
ITILE OF INVENTION: Polymorphisms of Olfactory Receptor-like Polypeptides
ITILE OF INVENTION: and Nucleic Acids Encoding the Same
FILE REFERENCE: 15966-654UB
CURRENT APPLICATION NUMBER: 60/323,755
PRIOR APPLICATION NUMBER: 60/323,755
RROR APPLICATION NUMBER: 60/323,755
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin Ver: 2.1
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                                                                                                                 Query Match 100.0%; Score 1659; DB 10; Best Local Similarity 100.0%; Pred. No. 4.9e-150; Matches 324; Conservative 0; Mismatches 0;
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100.0%; Score 1659; DB 10;
Best Local Similarity 100.0%; Pred. No. 4.9e-150;
Matches 324; Conservative 0; Mismatches 0; 1
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                               TYPE: PRT
CAGANISM: Homo sapiens
US-09-974-149-12
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; Sequence 197, Application US/09804291
; Publication No. US20030088059A1
; GENERAL INFORMATION:
APPLICANT: ZOZULA, SERGEY
; TITLE OF INVENTION: HUMAN OLFACTORY RECEPTORS AND GENES ENCODING SAME
; FILE REFERENCE: P 02780G5
; CURRENT APPLICATION NUMBER: US/09/804,291
CURRENT PAPLICATION NUMBER: 60/198,914
PRIOR FILING DATE: 2000-03-13
; PRIOR FILING DATE: 2000-03-24
; PRIOR FILING DATE: 2000-03-24
; PRIOR FILING DATE: 2000-04-14
; PRIOR FILING DATE: 2000-04-24
; PRIOR FILING DATE: 2000-04-24
; PRIOR FILING DATE: 2000-04-24
; PRIOR FILING DATE: 2000-06-23
; PRIOR FILING DATE: 2000-08-26
; PRIOR FILING DATE: 2000-08-16
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Sequence 9, Application US/09777789
Publication No. US20030087815A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME FILE REFERENCE: 15966-654
CURRENT PAPLICATION NUMBER: US/09/777,789
CURRENT FILING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: 60/180,646
NUMBER OF SEQ ID NOS: 101
SOFTWARE: PATENTING DATE: 2001-02-07
NUMBER OF SEQ ID NOS: 101
SOFTWARE: PATENTIN VOR: 2.0
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Pred. No. 5.5e-145;
1; Mismatches 0;
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Best Local Similarity 99.7%;
Matches 315; Conservative
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TYPE: PRT
COGANISM: Homo sapiens
US-09-777-789-9
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61 LLLGQLSLMDLLFTSVVTPKALADFLRRENTISFGGCALQMFLALTMGGAEDLLLAFMAY 120
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APPLICANT: Lepley, Denise M
APPLICANT: Lepley, Denise M
APPLICANT: Lepley, Denise M
APPLICANT: Gerlach, Valente L
APPLICANT: MacDougall, John R
APPLICANT: Mishson, Glennda
APPLICANT: Mishson, Olemba
IITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME FILE REPRENCE: 21402-070
CURRENT APPLICATION NUMBER: US/09/912,976
CURRENT FILING DATE: 2001-07-05
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Pred. No. 5.5e-145;
1; Mismatches 0;
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PRIOR APPLICATION NUMBER: 60/221,336
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: 60/28,333
PRIOR PELING DATE: 2000-10-05
PRIOR PELING DATE: 2001-0.05
PRIOR APPLICATION NUMBER: 60/271,025
PRIOR APPLICATION NUMBER: 60/271,025
PRIOR PELING DATE: 2001-02-22
PRIOR FILING DATE: 2001-03-23
PRIOR FILING DATE: 2001-03-23
PRIOR PELING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/28,164
PRIOR PELING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/266,862
PRIOR FILING DATE: 2001-02-07
NUMBER OF SEQ ID NOS: 529
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 197
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APPLICANT: Mezes, Peter
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NUMBER OF SEQ ID NOS: 99
SOFTWARE: PatentIn Ver. 2.1
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Grosse, William M
                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 99.7
Matches 315; Conservative
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Publication No. US20040067499A1

GENERAL INFORMATION:

APPLICANT: HAGA, TATSUYA

TITLE OF INVENTION:

CURRENT APPLICATION NUMBER: US/10/343,650A

CURRENT PALING DATE: 2003-07-21

PRIOR APPLICATION NUMBER: US/2007-21

PRIOR APPLICATION NUMBER: US/2013/4434

PRIOR APPLICATION NUMBER: US/2013/4434

PRIOR FILING DATE: 2001-02-13

NUMBER OF SEQ ID NOS: 694

SEQ ID NO 514

LENGTH: 316
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Pred. No. 5.5e-145;
1; Mismatches 0;
PRIOR APPLICATION NUMBER: 60/260,338
PRIOR FILING DATE: 2001-01-08
PRIOR PELING DATE: 2001-01-08
PRIOR PELING DATE: 2001-01-17
PRIOR PELING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 60/262,498
PRIOR PILING DATE: 2001-01-19
PRIOR PILING DATE: 2001-01-19
PRIOR PILING DATE: 2001-01-19
PRIOR PILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: 60/263,691
PRIOR APPLICATION NUMBER: 60/264
PRIOR APPLICATION NUMBER: 60/266,109
PRIOR PILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: 60/271,634
PRIOR PILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: 60/271,634
PRIOR PILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 127
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Best Local Similarity 99.7<sup>3</sup>
Matches 315; Conservative
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ORGANISM: Homo sapiens
US-09-965-422-58
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CORGANISM: Homo sapiens
US-10-343-650A-514
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LENGTH: 316
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CURRENT APPLICATION NUMBER: US/09/965,422
CURRENT APPLICATION NUMBER: 06/236,286
PRIOR APPLICATION NUMBER: 60/236,284
PRIOR PILING DATE: 2000-09-28
PRIOR FILING DATE: 2000-09-28
PRIOR FILING DATE: 2000-09-28
PRIOR FILING DATE: 2000-10-28
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-06
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 60/240,736
PRIOR FILING DATE: 2000-10-16
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Pred. No. 5.5e-145;
1; Mismatches 0; Indels 0
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Padigaru, Muralidhara
Dickson, Kevin
Vernet, Corine
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Ellerman, Karen
Edinger, Shlomit
MacDougall, John R
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Best Local Similarity 99.7%;
Matches 315; Conservative
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Shenoy, Suresh G
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Malyankar, Urial M
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Gunther, Erik
  ; SEQ ID NO 53
; LENGTH: 316
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-912-976-53
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APPLICANT: BOROWSKY. Mark L.

TITLE OF INVENTION: G-PROTEIN COUPLED RECEPTORS
FILE REFERENCE: PI-0044 PCT
CURRENT APPLICATION NUMBER: US/10/220,382

CURRENT FILING DATE: 2001-03-01

PRIOR APPLICATION NUMBER: 60/186,854; 60/188,384; 60/190,453; 60/190,730

NUMBER OF SEQ ID NOS: 42

SOFTWARE: PROFE PROFES

SOFTWARE: PROFES

LENGTH: 316

TENGTH: 316

TENGTH: 316

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TENGTH: 316
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                                                                  MELWNFTLGSGFILVGILNDSGSPELLCATITILYLLALISNGLLLLAITMEARLHMPMY
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   Length 316;
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; OTHER INFORMATION: Incyte ID No. US20030119111A1 7472446CD1
US-10-220-382-18
                                Indels
Score 1606; DB 12;
Pred. No. 5.5e-145;
1; Mismatches 0;
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Publication No. US20030119111A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: INCYTE GRNOMICS, INC.
APPLICANT: TANG. Y. TOM
APPLICANT: TANG. Y. TOM
APPLICANT: PAC, Monique G.
APPLICANT: YAO, Monique G.
APPLICANT: TRIBOULEY, Catherine
APPLICANT: TRIBOULEY, Catherine
APPLICANT: IU, Dyung Aina M.
APPLICANT: KHAN, FARTAN A.
APPLICANT: KHAN, FARTAN A.
APPLICANT: POLICKY, Jennifer L.
APPLICANT: POLICKY, Jennifer L.
APPLICANT: YANG, Junming
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LU, Dyung Aina M.
YUE, Henry
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Query Match
Best Local Similarity 99.7%;
Matches 315; Conservative
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US-10-220-382-18
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                                                                                         61 LLLGQLSLMDLLFTSVVTPKALADFLRRENTISFGGCALQMFLALTMGGAEDLLLAFMAY 120
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1 MELWNPTLGSGFILVGILNDSGSPELLCATITILYLALISNGLLLLAITMEARLHMPMY
                                                                                                                               DRYVAICHPLTYMTLMSSRACWLMVATSWILASLSALIYTVYTMHYPFCRAQEIRHLLCE
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APPLICANT: ASAI, KIVOSHI
APPLICANT: ASAI, KIVOSHI
APPLICANT: AKTYAMA, YUTAKA
APPLICANT: ABURATANI, HIROYUKI
TITLE OF INVENTION! NOVYEL OF PROTEIN-COUPLED RECEPTORS
FILE REFERENCE: 084335/0152
CURRENT APPLICATION NUMBER: US/10/017,161
CURRENT FILING DATE: 2002-12-18
PRIOR PILING DATE: 2001-06-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 1606; DB 14;
Pred. No. 5.5e-145;
1; Mismatches 0;
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Best Local Similarity 99.7%;
Matches 315; Conservative
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SEQ ID NO 310
LENGTH: 316
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US-10-017-161-310
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AFILE OF INVENTION: OLDRACTORY RECEPTORS FOR ISOVALERIC ACID AND RELATED
TITLE OF INVENTION: OLDRANTS AND USE THEREOF IN ASSAYS FOR
TITLE OF INVENTION: IDENTIFICATION OF BLOCKERS OF MALODOR
FILE REFERENCE: 078003-0221924
CURRENT APPLICATION NUMBER: US/10/300,846
CURRENT APPLICATION NUMBER: US/10/300,846
FRIOR APPLICATION NUMBER: 09/488,371
PRIOR APPLICATION NUMBER: 60/348,371
PRIOR PLILING DATE: 2002-01-16
PRIOR PLILING DATE: 2001-03-13
PRIOR PLILING DATE: 2001-03-13
PRIOR PLILING DATE: 2001-12-21
NUMBER OF SEQ ID NOS: 86
SOFTWARE: PATENTIN VOY: 2.1
SEQ ID NOS: 86
SOFTWARE: PATENTIN VOY: 2.1
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99.7%; Pred. No. 5.5e-145;
ilve 1; Mismatches 0;
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Best Local Similarity 99.7
Matches 315, Conservative
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US-10-300-846-26
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APPLICANT: Padigaru, Maralidhara
APPLICANT: Padigaru, Malerie L.
APPLICANT: Smithson, Glennda
APPLICANT: Scorie, David
APPLICANT: Storie, David
APPLICANT: Conley, Pamela B.
APPLICANT: Conley, Pamela B.
APPLICANT: Topper, James B.
APPLICANT: Topper, James N.
APPLICANT: Topper, James N.
APPLICANT: Topper, James N.
APPLICANT: Ackuda, Ramesh N.
APPLICANT: Ackuda, Ramesh N.
APPLICANT: MacDougall, John R.
APPLICANT: MacDougall, John R
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                                                                                                                                                        Sequence 3, Application US/10024444B Publication No. US20030165858A1 GENERAL INFORMATION:
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APPLICANT: ADS. XI
APPLICANT: ECHEVERRI, FERNANDO
301 LRRVLGKYMLPAHSTL 316
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Matches 315; Conservative
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ORGANISM: human
                                                                                           RESULT 14
US-10-024-444B-3
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US-10-300-846-26
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